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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | Application Number | |
| | | | Filing Date | |
| | | | First Named Inventor Jerry Wu | |
| | | | Art Unit | |
| | | | Examiner Name | |
| Sheet 1 of 1 | Attorney Docket Number | | | |

| U.S. PATENT DOCUMENTS | | | | | |
|--------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials ² | Cite No. ¹ | Document Number Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| H/W | 1 | US- 4,647,130 | Mar. 3, 1987 | Blair et al. | FIG. 1 |
| | 2 | US- 4,915,641 | Apr. 10, 1990 | Miskin et al. | FIG. 1 |
| | 3 | US- 5,199,900 | Apr. 6, 1993 | Hayes, Sr. | FIG. 1 |
| | 4 | US- 5,356,300 | Oct. 18, 1994 | Costello et al. | FIG. 1 |
| | 5 | US- 5,466,171 | Nov. 14, 1995 | Bixler et al. | FIG. 1 |
| | 6 | US- 5,514,000 | May 7, 1996 | Krause et al. | FIG. 1 |
| | 7 | US- 5,547,385 | Aug. 20, 1996 | Spangler | FIG. 1 |
| | 8 | US- 6,290,536 | Sep. 18, 2001 | Hwang et al. | FIG. 1 |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| Examiner Initials ² | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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